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PTO/SB/21 (09-04)

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/810,962
	Filing Date	03/26/2004
	First Named Inventor	Thomas Rueckes et al.
	Art Unit	2818
	Examiner Name	TBA
Total Number of Pages in This Submission	Attorney Docket Number	112020.145US2 NAN-21

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Firm Name	Wilmer Cutler Pickering Hale and Dorr LLP		
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Date	3-25-05	Reg. No.	37,122

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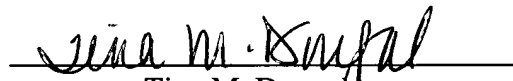
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: RUECKES, Thomas et al.
Application No.: 10/810,962 Examiner: TBA
Filed: March 26, 2004 Group Art Unit: 2818
For: **NRAM Bit Selectable Two-Device Nanotube Array**
Atty. Docket No.: 112020.145US2 NAN-21

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Sir:

Applicants and their legal representatives hereby make of record on the attached Form PTO-1449 the following publications which are known to them and considered warranting disclosure under 37 C.F.R. §1.56 and 1.97-98.

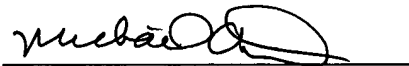
Copies of the publications listed on the attached Form PTO-1449, with the exception of the cited U.S. Patents and the U.S. published applications, are submitted herewith. It is respectfully requested that the Examiner initial and return a copy of the subject Form PTO-1449 with the next Patent Office communication.

The submission of these publications does not constitute a representation by the Applicants that a search has been made or that no better art exists and does not constitute an admission that the listed publications are material or constitute "prior art." Applicants reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed publications, should one or more of the publications be applied against the claims of the present application.

As this paper is being filed prior to the issuance of a first Office Action on the merits, and pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be due. In the event a fee is due, the Commissioner is authorized to charge any fee deficiency or credit any overpayment to Deposit Account No. 08-0219.

Respectfully submitted,

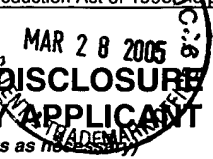
Dated: March 25, 2005



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/810,962	
			Filing Date	March 26, 2004	
			First Named Inventor	RUECKES et al.	
			Art Unit	2818	
			Examiner Name	TBA	
Sheet	1	of	4	Attorney Docket Number	112020.145YS2 NAN-21

U. S. PATENT DOCUMENTS

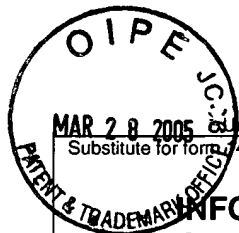
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US 2002/0130311 A1	09-19-2002	LIEBER et al.	
		US 2002/0130353 A1	09-19-2002	LIEBER et al.	
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		US 2002/0179434 A1	12-05-2002	DAI et al.	
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Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/810,962
Filing Date	March 26, 2004
First Named Inventor	RUECKES et al.
Art Unit	2818
Examiner Name	TBA
Attorney Docket Number	112020.145YS2 NAN-21

Sheet 2 of 4

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		WO 01/44796 A1	06-21-2001	Board of Trustees of the Leland Stanford Junior. University.	
		WO 01/03208 A1	01-11-2001	President and Fellows of Harvard College	

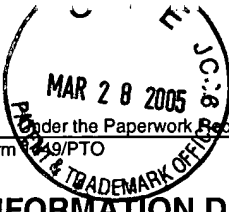
NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, volume-issue number(s), page(s), publisher, city and/or country where published.	T ²
	A1	AJAYAN, P.M., et al., "Nanometre-size tubes of carbon." <i>Rep. Prog. Phys.</i> , 1997, Vol. 60, 1025-1062.	
	A2	AMI, S. et al., "Logic gates and memory cells based on single C ₆₀ electromechanical transistors." <i>Nanotechnology</i> , 2001, Vol. 12, 44-52.	
	A3	AVOURIS, P., "Carbon nanotube electronics," <i>Chem. Physics</i> , 2002, Vol. 281, pp. 429-445.	
	A4	CASAVANT, M.J. et al., "Neat macroscopic membranes of aligned carbon nanotubes." <i>Journal of Appl. Phys.</i> , 2003, Vol. 93(4) 2153-2156.	
	A5	CHOI, W. B. et al., "Carbon-nanotube-based nonvolatile memory with oxide-nitride-film and nanoscale channel." <i>Appl. Phys. Lett.</i> , 2003, Vol. 82(2) 275-277.	

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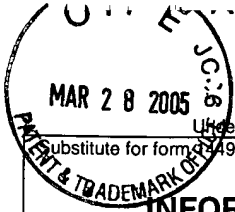
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	10/810,962	
			Filing Date	March 26, 2004	
			First Named Inventor	RUECKES et al.	
			Art Unit	2818	
			Examiner Name	TBA	
Sheet	3	of	4	Attorney Docket Number	112020.145YS2 NAN-21

	A6	CUI, J.B. et al., "Carbon Nanotube Memory Devices of High Charge Storage Stability." <i>Appl. Phys. Lett.</i> , 2002, Vol. 81(17) 3260-3262.	
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	A8	DEHON, A., "Array-Based Architecture for FET-Based, Nanoscale Electronics." <i>IEEE Transactions on Nanotechnology</i> , 2003, Vol. 2(1) 23-32.	
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	A13	FISCHER, J.E. et al., "Magnetically aligned single wall carbon nanotube films: Preferred orientation and anisotropic transport properties." <i>Journal of Appl. Phys.</i> , 2003, Vol. 93(4) 2157-2163.	
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	A18	LEE, K.H. et al., "Control of growth orientation for carbon nanotubes." <i>Appl. Phys. Lett.</i> , 2003, 82 (3) 448-450.	
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Attorney Docket Number	112020.145YS2 NAN-21

Sheet	4	of	4
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A21	RUECKES, T., et al., "Carbon Nanotube-Based Nonvolatile Random Access Memory for Molecular Computing" <i>Science</i> , 2000, Vol. 289, 94-97.
A22	SOH, H. T. et al., "Integrated nanotube circuits: Controlled growth and ohmic contacting of single-walled carbon nanotubes." <i>Appl. Phys. Lett.</i> , 1999, Vol. 75(5) 627-629.
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A29	ZHAN, W. et al., "Microelectrochemical Logic Circuits." <i>J. Am. Chem. Soc.</i> , 2003, Vol. 125, 9934-9935.

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